

FIG.1

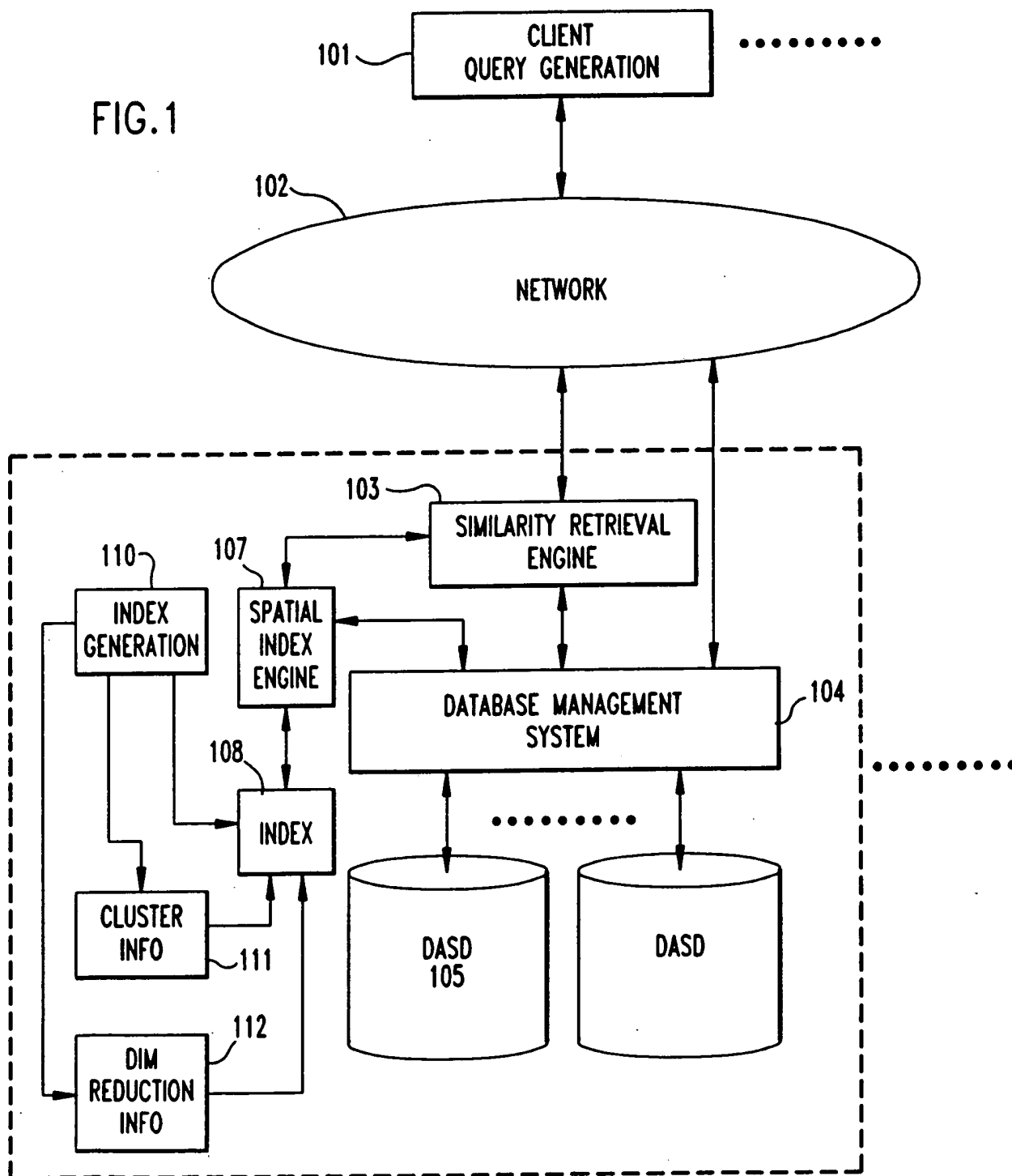


FIG.2

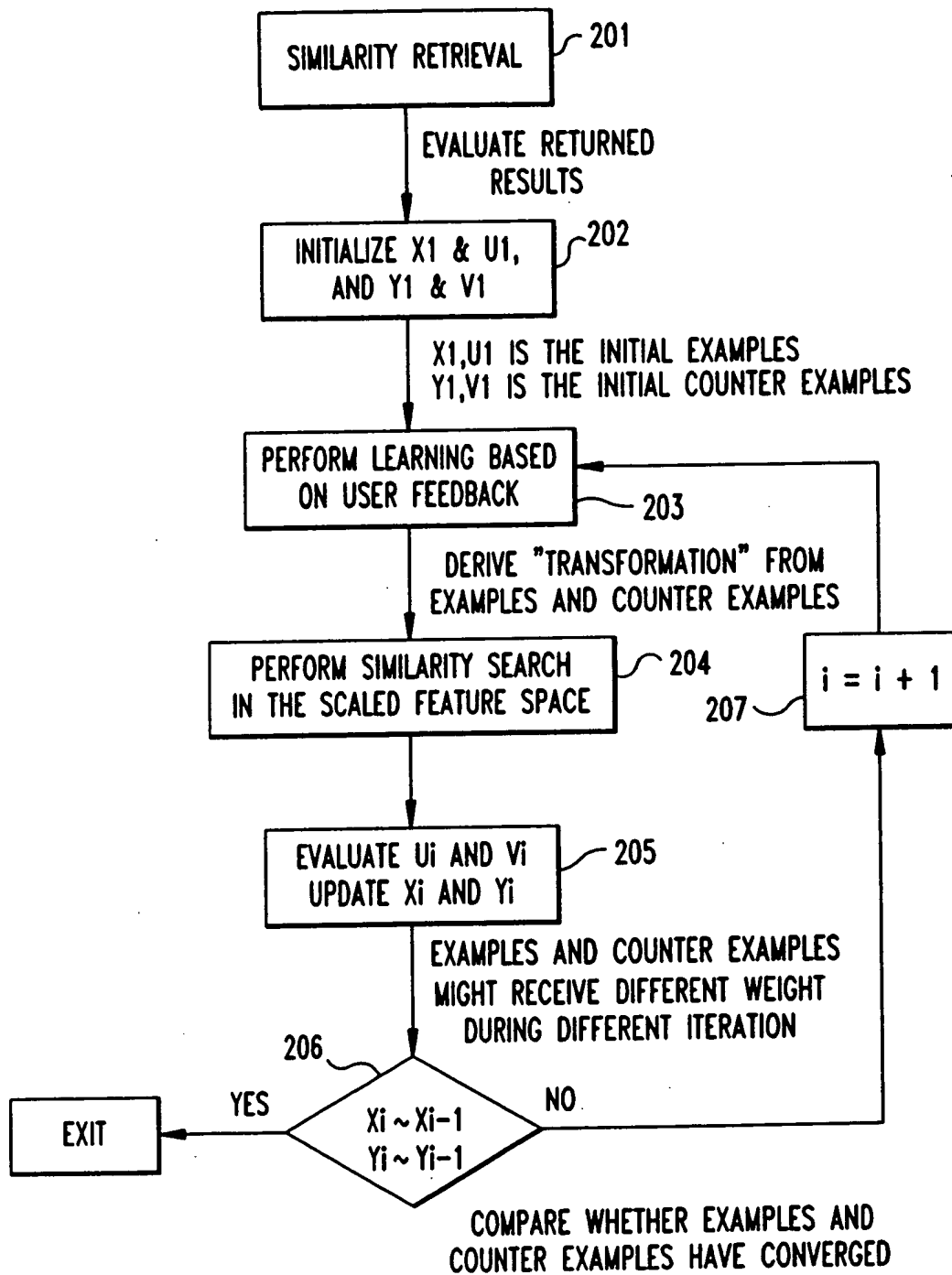


FIG.3

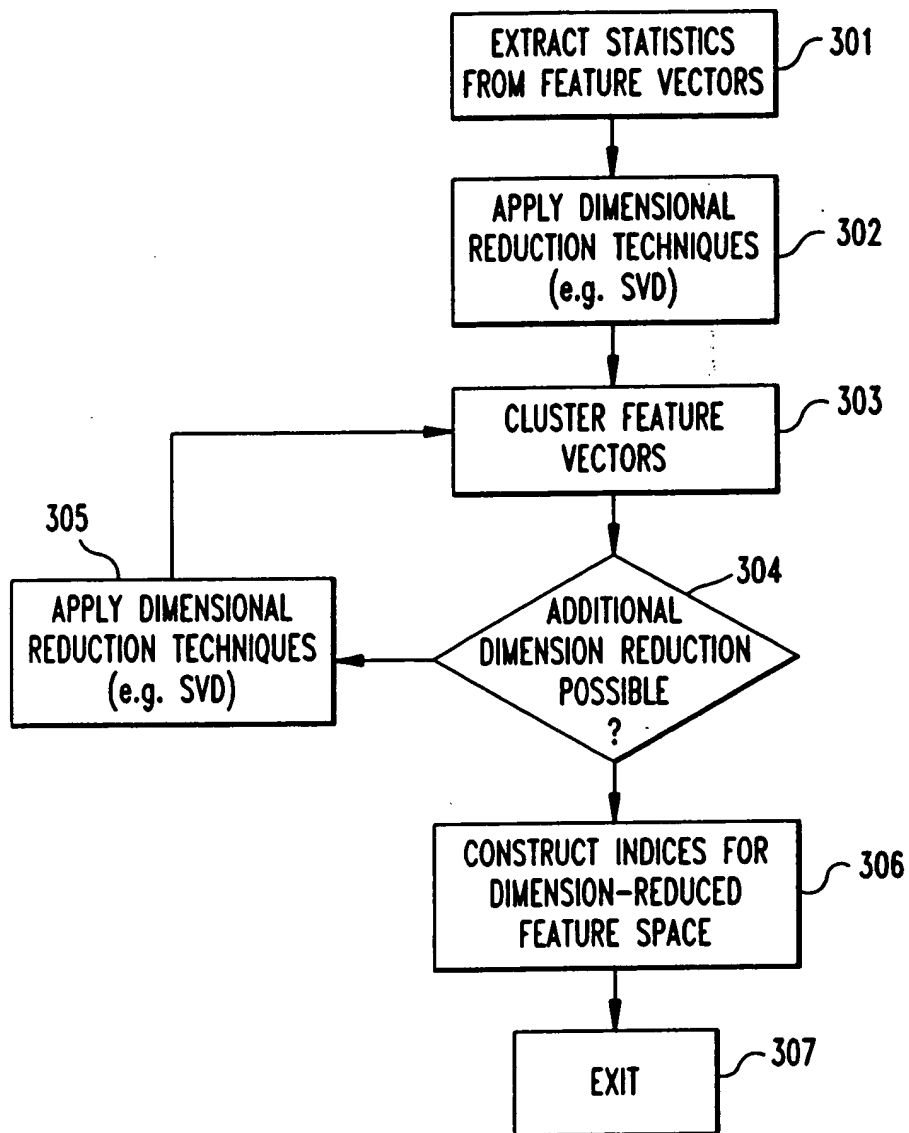


FIG.4

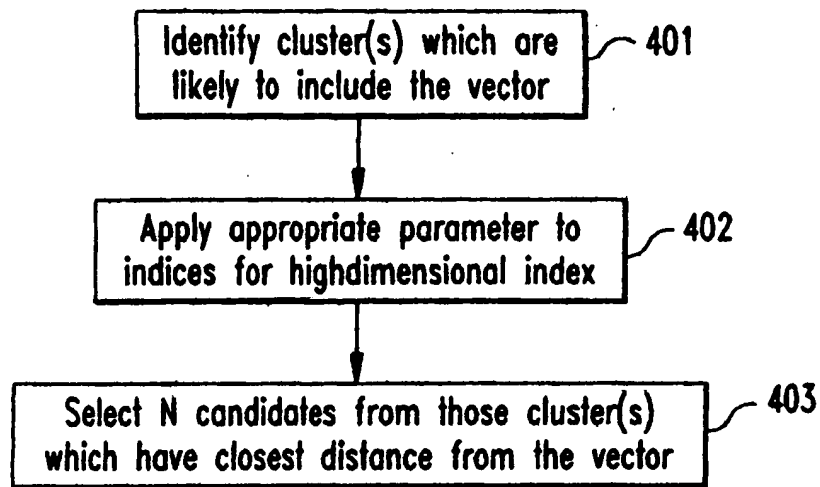


FIG.5

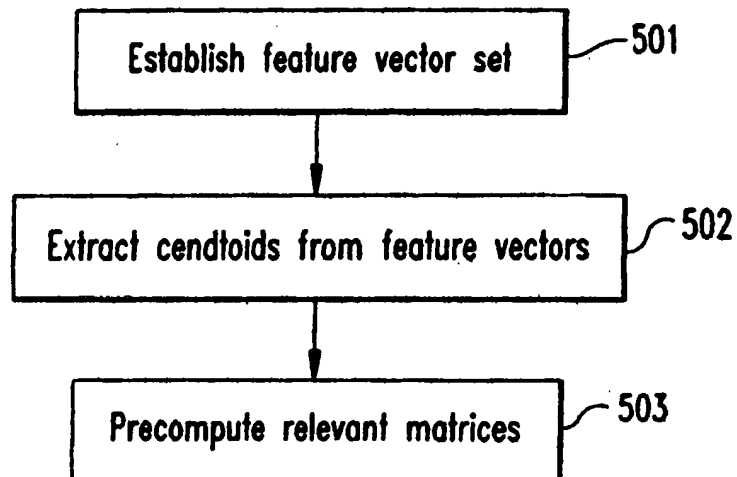
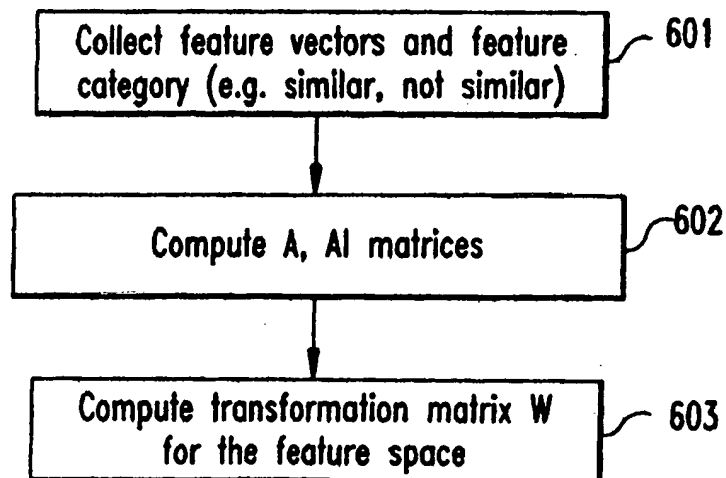
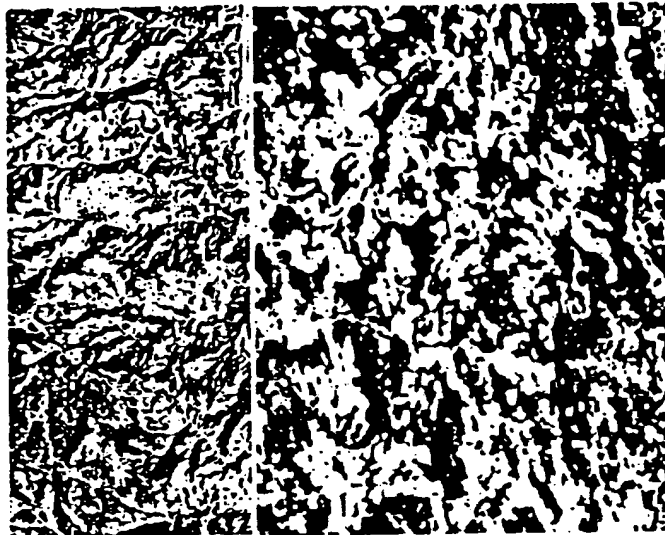


FIG.6



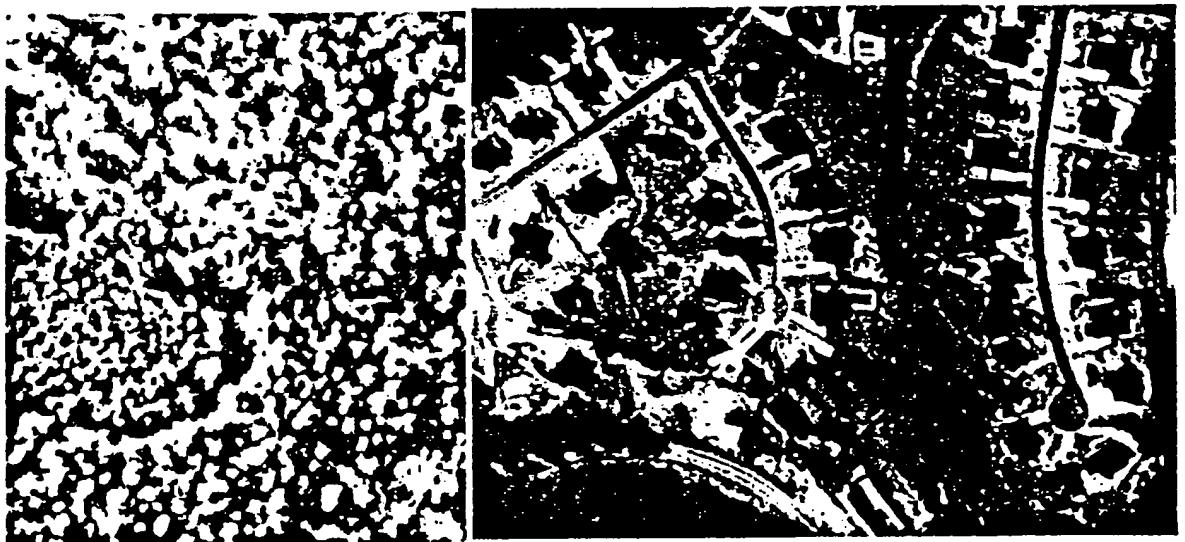


(a)

(b)

SATELLITE IMAGES OF (a) MOUNTAIN (b) MIXED AREA

FIG.7

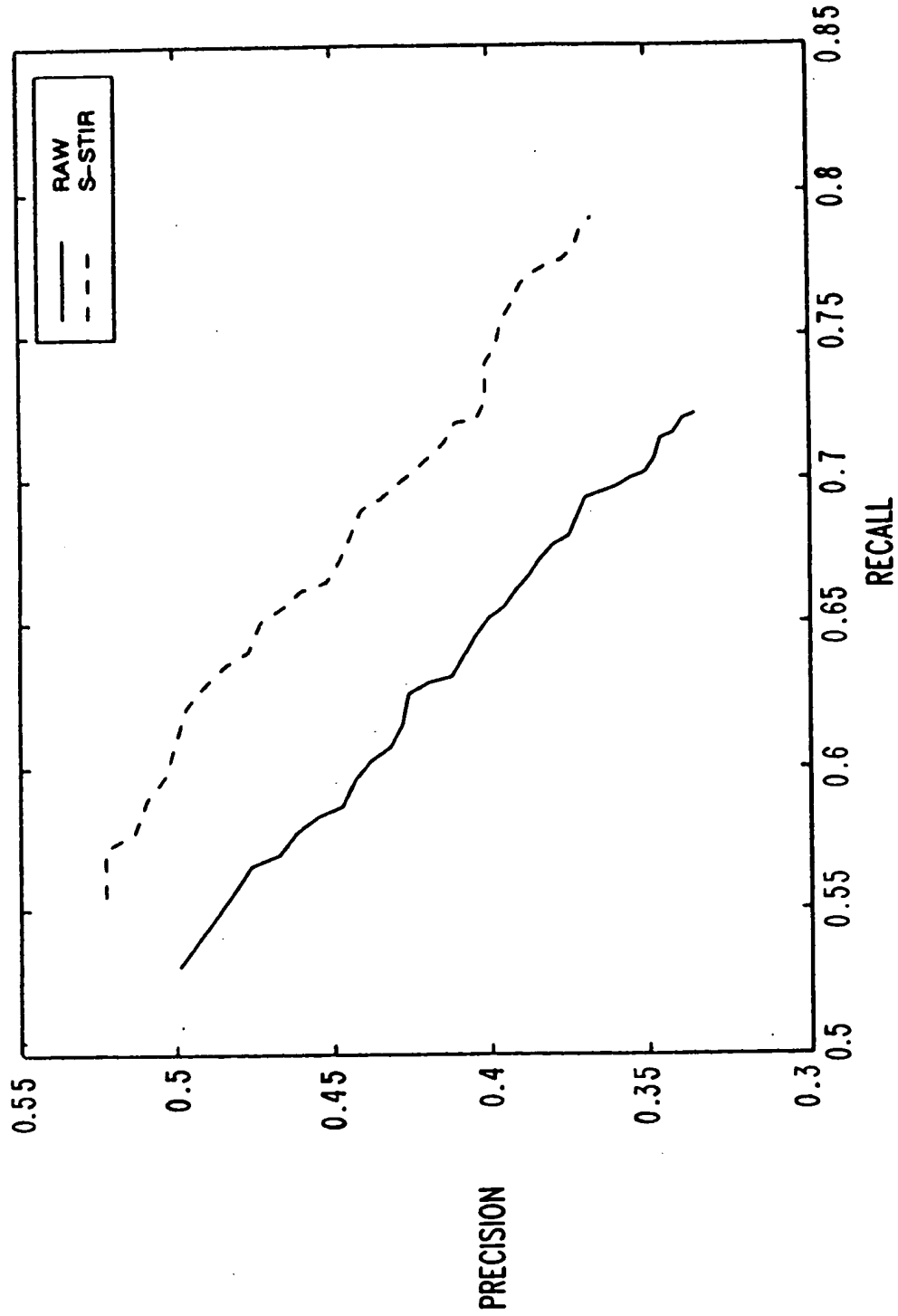


(a)

(b)

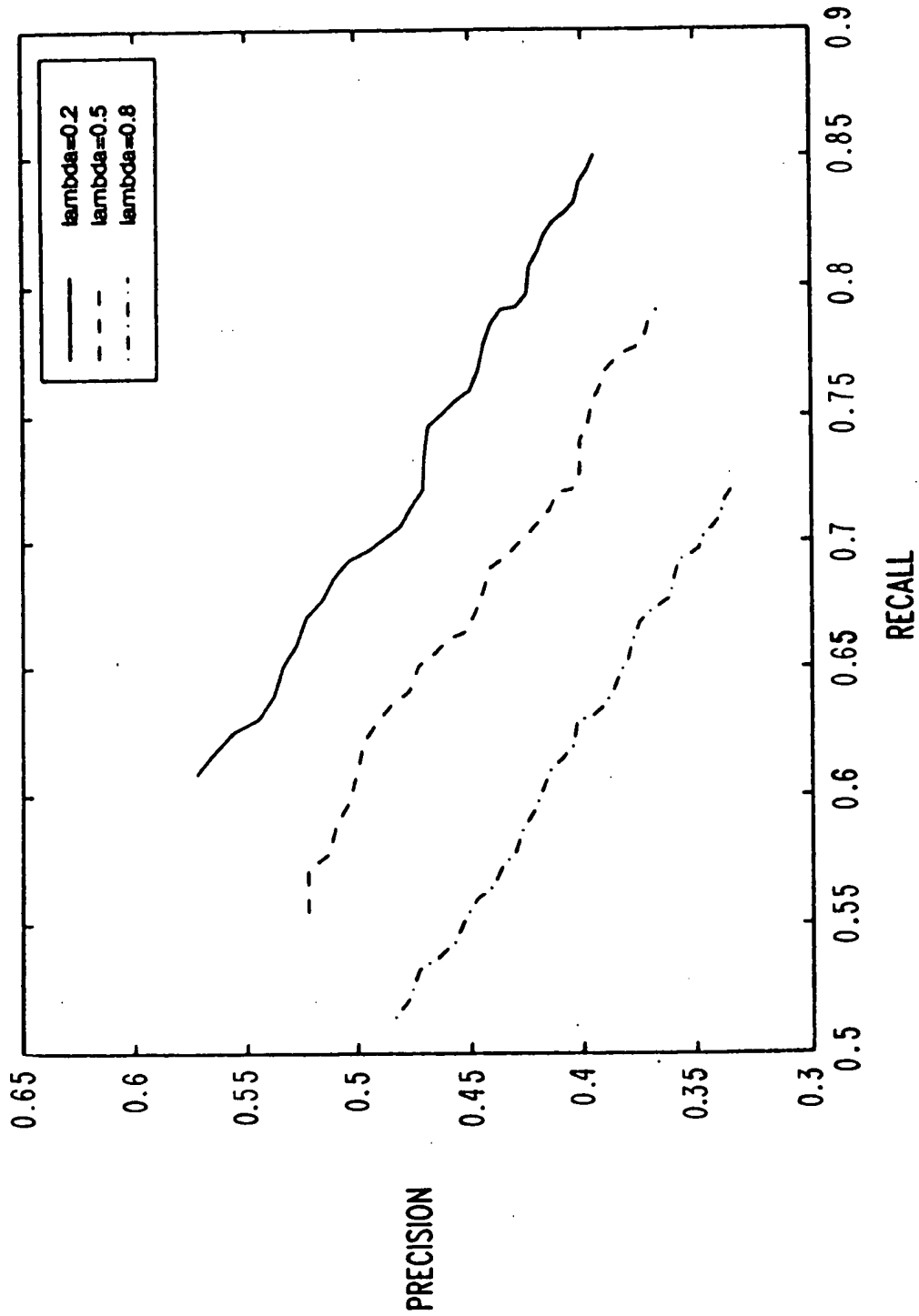
SATELLITE IMAGES OF (a) FORESTS (b) SUBURBS

FIG.8



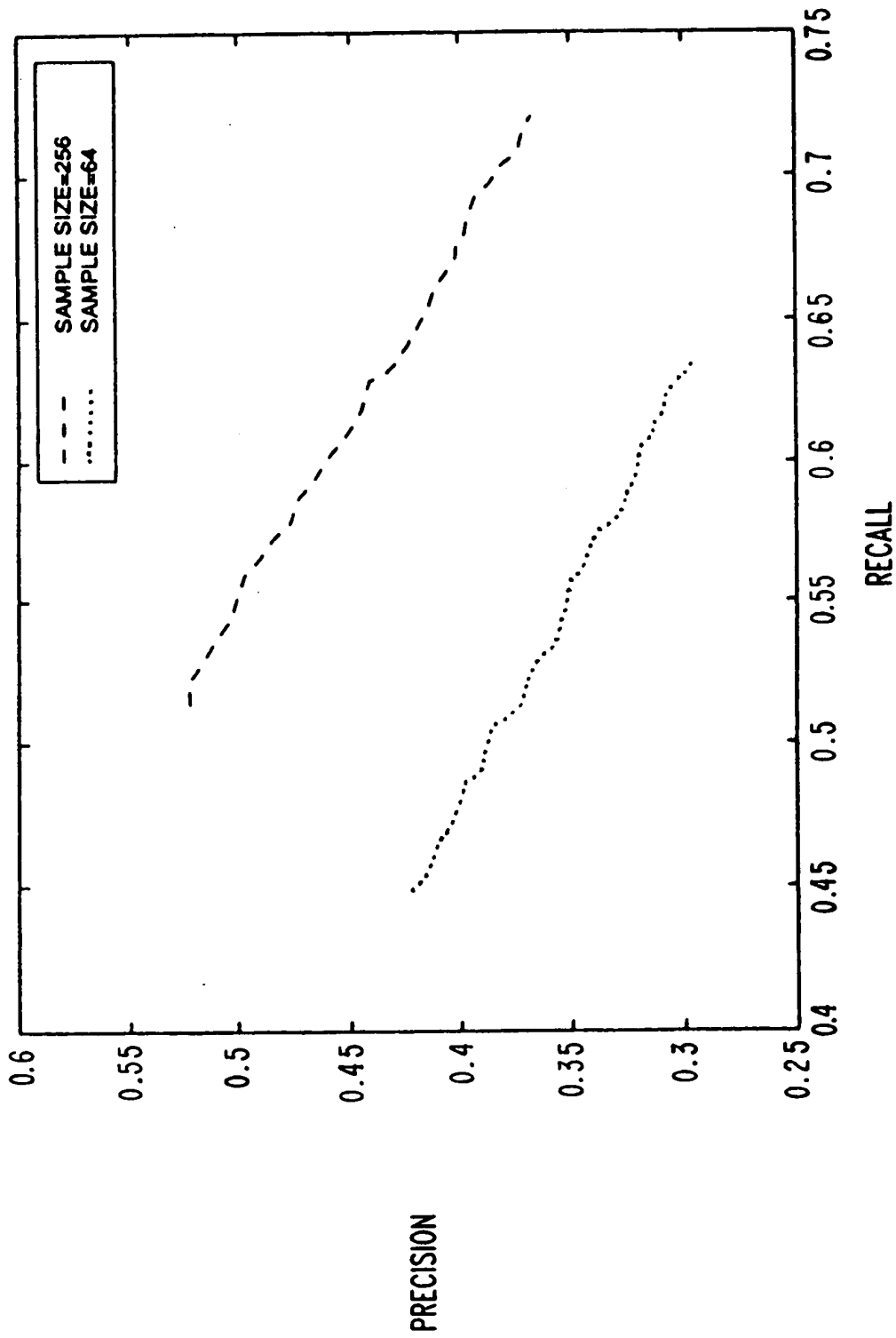
COMPARISON OF PRECISION VERSUS RECALL FOR RAW FEATURE VECTOR  
AND FEATURE VECTORS TRANSFORMED BY S-STIR ALGORITHM

FIG.9



EFFECT ON THE PRECISION VERSUS RECALL FOR DIFFERENT VALUES OF  $\lambda$

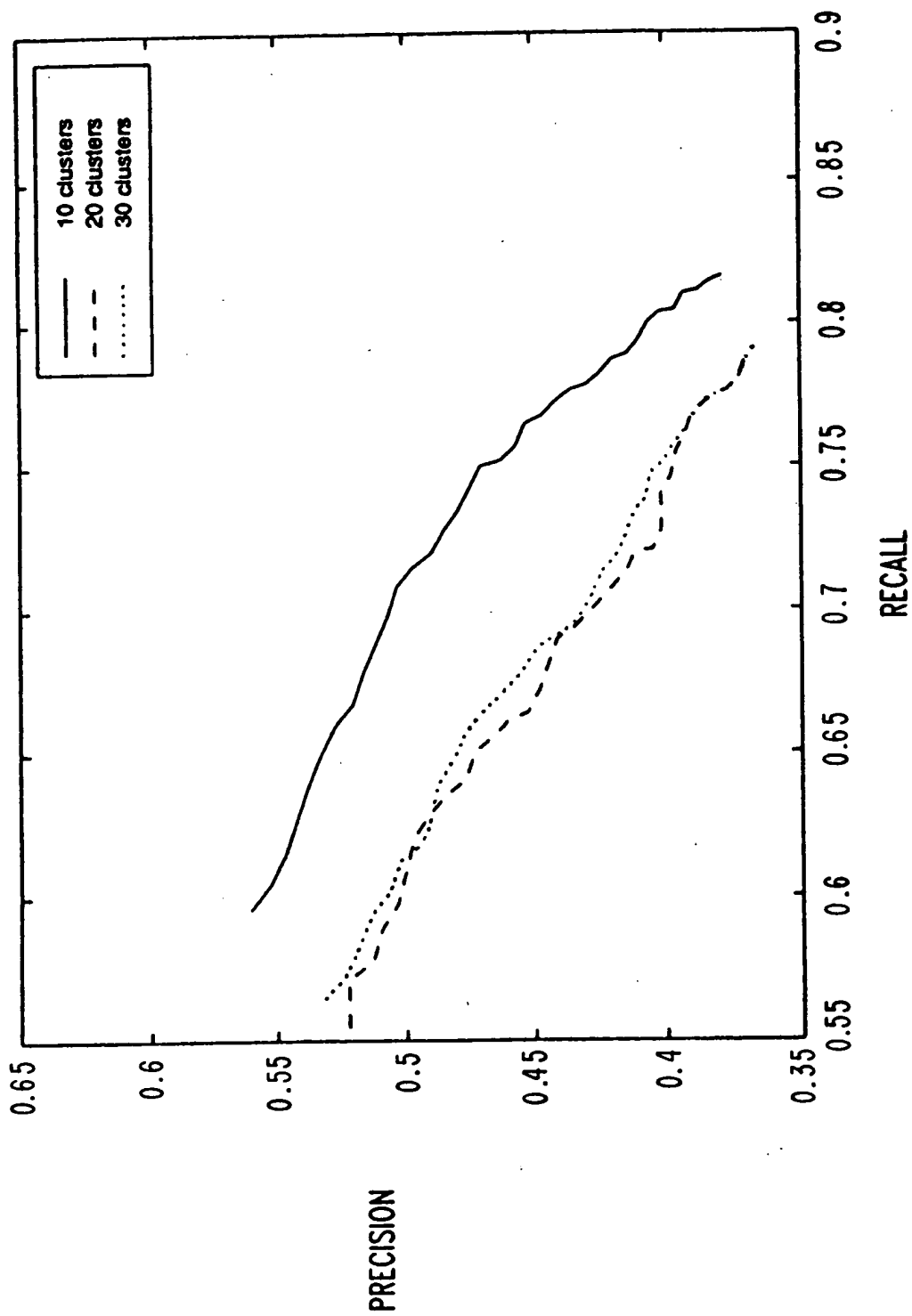
FIG.10



EFFECT ON THE PRECISION VERSUS RECALL FOR DIFFERENT VALUES OF SAMPLE SIZE

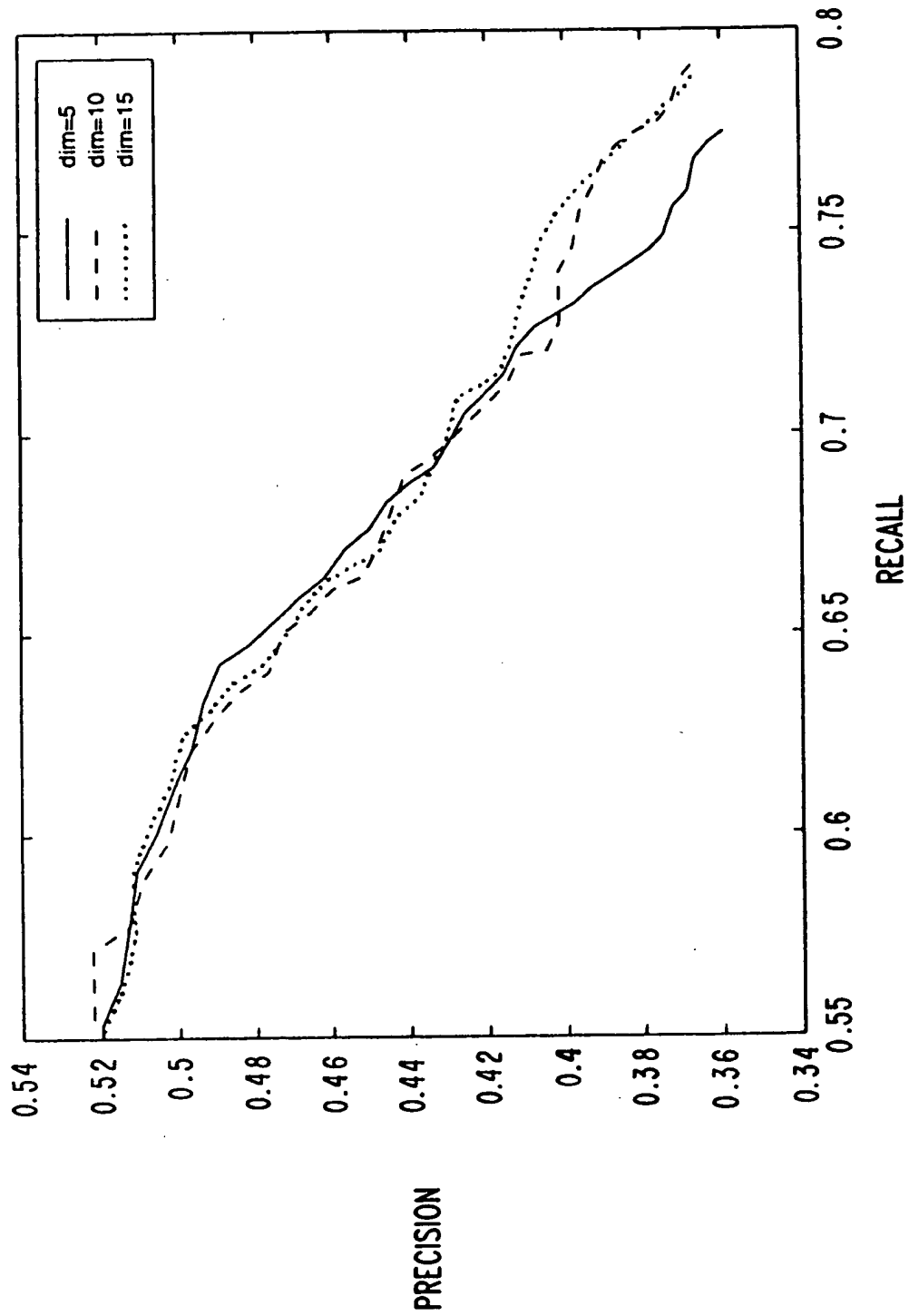
FIG.11





EFFECT ON THE PRECISION VERSUS RECALL FOR DIFFERENT NUMBER OF CLUSTERS

FIG.12



EFFECT ON THE PRECISION VERSUS RECALL FOR DIFFERENT  
VALUES OF FINAL DIMENSIONALITY

FIG.13